

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A system for controlling pagination of a presentable object in a computer application, the system comprising:

a set of user-definable classes for representing pages on which the presentable object is paginated, wherein the set of user-definable classes comprises;

a first class for representing display information of a page, wherein the first class represents at least one of the following: a bottomless and a finite page;

a second class for representing descriptive information of a page, wherein the second class is sealed;

a third class for representing page break information, wherein the third class is customized for an associated pagination control element; and

a fourth class for representing positional information of content, wherein the fourth class is customized for an associated pagination control element based on a content type; and

a set of user-definable methods utilizing the user-definable classes to paginate the object.

2. (Canceled)

3. (Original) The system of claim 1 wherein the set of user-definable methods comprises:

a method for measuring the object for pagination; and

a method for arranging paginated pages of the object for display.

4. (Original) The system of claim 3 wherein the set of user-definable methods further comprises:

a method for updating the pagination of an object.

5. (Original) The system of claim 3 wherein the set of user-definable methods further comprises:

a method for calculating page break positions for an object to be paginated.

6. (Original) The system of claim 3 wherein the set of user-definable methods further comprises:

a method for setting a host of the object.

7. (Currently Amended) A system for hosting a paginating control for an object in a computer application, the system comprising:

a set of user-definable classes for representing pages on which the object is paginated, wherein the set of user-definable classes comprises:

a first class for representing display information of a page, wherein the first class represents at least one of the following: a bottomless and a finite page;

a second class for representing descriptive information of a page, wherein the second class is sealed;

a third class for representing page break information, wherein the third class is customized for an associated pagination control element; and

a fourth class for representing positional information of content, wherein the fourth class is customized for an associated pagination control element based on a content type; and

a set of user-definable methods utilizing the user-definable classes to interact with the paginating control.

8. (Canceled)

9. (Original) The system of claim 7 wherein the set of user-definable methods comprises:

a first method for receiving notification that content in the object has changed.

10. (Original) The system of claim 9 wherein the first method includes a start position and an end position between which content in the object has changed.

11. (Original) The system of claim 9 wherein the set of user-definable methods further comprises:

a method for receiving notification that content in the object requires a different page size.

12. (Currently Amended) A system for controlling pagination of, and hosting paginating controls for, objects in a computer application, the system comprising:

a set of user-definable classes for representing pages on which objects are paginated, wherein the set of user-definable classes comprises:

a first class for representing display information of a page, wherein the first class represents at least one of the following: a bottomless and a finite page;

a second class for representing descriptive information of a page, wherein the second class is sealed;

a third class for representing page break information, wherein the third class is customized for an associated pagination control element; and

a fourth class for representing positional information of content, wherein the fourth class is customized for an associated pagination control element based on a content type;

a set of user-definable methods utilizing the user-definable classes to paginate objects; and

a set of user-definable methods utilizing the user-definable classes to interact with paginating controls.

13. (Canceled)

14. (Withdrawn) A method for formatting a page for presentation in a computer system, the method comprising:

receiving a size parameter;
receiving a page description parameter; and
causing a page measuring function to provide a formatted page, using the size parameter and page descriptor parameter.

15. (Withdrawn) The method of claim 14 wherein the page descriptor parameter comprises page break information.

16. (Withdrawn) A method for arranging a page for presentation in a computer system, the method comprising:
receiving a page parameter;
receiving a size parameter; and
causing a page arranging function to arrange the page for presentation, using the page parameter and the size parameter.

17. (Currently Amended) A method for calculating page break information for a page in a computer system, the method comprising:
receiving a size parameter;
receiving a page descriptor parameter; and
causing a page break calculating function to provide a page break information parameter, using the size parameter and page descriptor parameter, wherein the page break calculation function provides page break information without using renderable entities.